



1653

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/551,336B

DATE: 02/04/2002

TIME: 12:45:19

FEB 13 2002

TECH CENTER 1600/2900

Input Set : A:\55545487.app

Output Set: N:\CRF3\02042002\I551336B.raw

ENTERED

3 <110> APPLICANT: HOLM, ARNE  
 4 LARSEN, BJARNE  
 6 <120> TITLE OF INVENTION: IMPROVED SOLID-PHASE PEPTIDE SYNTHESIS AND AGENT FOR  
 7 USE IN SUCH SYNTHESIS  
 9 <130> FILE REFERENCE: 55503(45487)  
 11 <140> CURRENT APPLICATION NUMBER: 09/551,336B  
 12 <141> CURRENT FILING DATE: 2000-04-18  
 14 <150> PRIOR APPLICATION NUMBER: 09/254,523  
 15 <151> PRIOR FILING DATE: 1999-03-09  
 17 <150> PRIOR APPLICATION NUMBER: PCT/DK97/00375  
 18 <151> PRIOR FILING DATE: 1997-09-09  
 20 <150> PRIOR APPLICATION NUMBER: DK 0971/96  
 21 <151> PRIOR FILING DATE: 1996-09-09  
 23 <160> NUMBER OF SEQ ID NOS: 43  
 25 <170> SOFTWARE: PatentIn Ver. 2.1  
 27 <210> SEQ ID NO: 1  
 28 <211> LENGTH: 11  
 29 <212> TYPE: PRT  
 30 <213> ORGANISM: Artificial Sequence  
 32 <220> FEATURE:  
 33 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 34 peptide  
 36 <220> FEATURE:  
 37 <223> OTHER INFORMATION: this peptide may also encompass a deletion  
 38 peptide of 2-9 Ala  
 40 <400> SEQUENCE: 1  
 41 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys  
 42 1 5 10  
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 50 <220> FEATURE:  
 51 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 52 peptide  
 54 <400> SEQUENCE: 2  
 55 Ala Ala Ala Ala Ala Ala Ala  
 56 1 5  
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 60 <211> LENGTH: 11  
 61 <212> TYPE: PRT  
 62 <213> ORGANISM: Artificial Sequence  
 64 <220> FEATURE:

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65 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
66     peptide
68 <400> SEQUENCE: 3
69 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys
70   1             5             10
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74 <211> LENGTH: 13
75 <212> TYPE: PRT
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
80     peptide
82 <400> SEQUENCE: 4
83 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys
84   1             5             10
87 <210> SEQ ID NO: 5
88 <211> LENGTH: 23
89 <212> TYPE: PRT
90 <213> ORGANISM: Artificial Sequence
92 <220> FEATURE:
93 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
94     peptide
96 <400> SEQUENCE: 5
97 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
98   1             5             10             15
100 Ala Ala Ala Ala Lys Lys Lys
101             20
104 <210> SEQ ID NO: 6
105 <211> LENGTH: 16
106 <212> TYPE: PRT
107 <213> ORGANISM: Artificial Sequence
109 <220> FEATURE:
110 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
111     peptide
113 <400> SEQUENCE: 6
114 Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
115   1             5             10             15
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120 <212> TYPE: PRT
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
125     peptide
127 <400> SEQUENCE: 7
128 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala
129   1             5             10             15
131 Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
132             20             25

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137 <212> TYPE: PRT
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140 <220> FEATURE:
141 <223> OTHER INFORMATION: Description of Artificial Sequence: acyl carrier protein
142      (65-74)
144 <400> SEQUENCE: 8
145 Val Gln Ala Ala Ile Asp Tyr Ile Asn Gly
146   1             5             10
149 <210> SEQ ID NO: 9
150 <211> LENGTH: 16
151 <212> TYPE: PRT
152 <213> ORGANISM: Artificial Sequence
154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: acyl carrier protein
156      (65-74)-(Lys)6
158 <400> SEQUENCE: 9
159 Val Gln Ala Ala Ile Asp Tyr Ile Asn Gly Lys Lys Lys Lys Lys Lys
160   1             5             10             15
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164 <211> LENGTH: 17
165 <212> TYPE: PRT
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168 <220> FEATURE:
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170      peptide
172 <220> FEATURE:
173 <221> NAME/KEY: MOD_RES
174 <222> LOCATION: (11)
175 <223> OTHER INFORMATION: Lys(tBoc)-HMPA
177 <220> FEATURE:
178 <221> NAME/KEY: MOD_RES
179 <222> LOCATION: (12)..(17)
180 <223> OTHER INFORMATION: Lys(tBoc)
182 <400> SEQUENCE: 10
183 Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys
184   1             5             10             15
186 Lys
189 <210> SEQ ID NO: 11
190 <211> LENGTH: 17
191 <212> TYPE: PRT
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194 <220> FEATURE:
195 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic
196      peptide
198 <220> FEATURE:
199 <221> NAME/KEY: MOD_RES
200 <222> LOCATION: (11)

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201 <223> OTHER INFORMATION: Lys-MMa  
 203 <220> FEATURE:  
 204 <221> NAME/KEY: MOD\_RES  
 205 <222> LOCATION: (12)..(17)  
 206 <223> OTHER INFORMATION: Lys(tBoc)  
 208 <400> SEQUENCE: 11  
 209 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys  
 210    1                   5                   10                   15  
 212 Lys  
 215 <210> SEQ ID NO: 12  
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 221 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 222    peptide  
 224 <220> FEATURE:  
 225 <223> OTHER INFORMATION: this peptide may also encompass a deletion  
 226    peptide of 10 Ala  
 228 <220> FEATURE:  
 229 <223> OTHER INFORMATION: this peptide may also encompass a deletion  
 230    peptide of 1 or 3 Lys  
 232 <400> SEQUENCE: 12  
 233 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala  
 234    1                   5                   10                   15  
 236 Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys  
 237           20                   25  
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 242 <212> TYPE: PRT  
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 245 <220> FEATURE:  
 246 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 247    peptide  
 249 <220> FEATURE:  
 250 <223> OTHER INFORMATION: this peptide may also encompass a deletion  
 251    peptide of 10 Ala  
 253 <400> SEQUENCE: 13  
 254 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala  
 255    1                   5                   10                   15  
 257 Ala Ala Ala Ala Lys Lys Lys Lys Lys Lys  
 258           20                   25  
 261 <210> SEQ ID NO: 14  
 262 <211> LENGTH: 20  
 263 <212> TYPE: PRT  
 264 <213> ORGANISM: Artificial Sequence  
 266 <220> FEATURE:  
 267 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
 268    peptide

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270 <400> SEQUENCE: 14  
271 Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala Ala  
272 1 5 10 15  
274 Ala Ala Ala Ala  
275 20  
278 <210> SEQ ID NO: 15  
279 <211> LENGTH: 6  
280 <212> TYPE: PRT  
281 <213> ORGANISM: Artificial Sequence  
283 <220> FEATURE:  
284 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
285 peptide  
287 <400> SEQUENCE: 15  
288 Lys Lys Lys Lys Lys Lys  
289 1 5  
292 <210> SEQ ID NO: 16  
293 <211> LENGTH: 6  
294 <212> TYPE: PRT  
295 <213> ORGANISM: Artificial Sequence  
297 <220> FEATURE:  
298 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
299 peptide  
301 <220> FEATURE:  
302 <221> NAME/KEY: MOD\_RES  
303 <222> LOCATION: (1)..(6)  
304 <223> OTHER INFORMATION: Glu(tBu)  
307 <400> SEQUENCE: 16  
308 Glu Glu Glu Glu Glu Glu  
309 1 5  
312 <210> SEQ ID NO: 17  
313 <211> LENGTH: 6  
314 <212> TYPE: PRT  
315 <213> ORGANISM: Artificial Sequence  
317 <220> FEATURE:  
318 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic  
319 peptide  
321 <220> FEATURE:  
322 <221> NAME/KEY: MOD\_RES  
323 <222> LOCATION: (1)..(2)  
324 <223> OTHER INFORMATION: Glu(tBu)Lys(tBoc)  
326 <220> FEATURE:  
327 <221> NAME/KEY: MOD\_RES  
328 <222> LOCATION: (3)..(4)  
329 <223> OTHER INFORMATION: Glu(tBu)Lys(tBoc)  
331 <220> FEATURE:  
332 <221> NAME/KEY: MOD\_RES  
333 <222> LOCATION: (5)..(6)  
334 <223> OTHER INFORMATION: Glu(tBu)Lys(tBoc)  
336 <400> SEQUENCE: 17

VERIFICATION SUMMARY

DATE: 02/04/2002

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